| Ref<br># | Hits     | Search Query   | DBs   | Default<br>Operator | Plurals | Time Stamp       |
|----------|----------|--|---|---------------------|---------|------------------|
| S1       | 0        | @ad<"20000809" and (packet near<br>pair) and (non adj compressible) and<br>calculat\$3 near bandwidth                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:37 |
| S2       | 2        | @ad<"20000809" and (packet near pair) and (non adj compressible)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:39 |
| S3       | 0        | @ad<"20000809" and (packet near pair) and (non adj compressible) and (calculat\$3 or measur\$3) same bandwidth                         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON .    | 2005/01/17 12:54 |
| S4       | 14       | @ad<"20000809" and (packet near<br>pair) and (calculat\$3 or measur\$3)<br>same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:40 |
| S5       | 3        | @ad<"20000809" and (packet near<br>pair) and compress\$4 and (calculat\$3<br>or measur\$3) same bandwidth                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:42 |
| S6 .     | 47       | @ad<"20000809" and (non near compress\$4) and (calculat\$3 or measur\$3) same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:42 |
| S7       | 6        | @ad<"20000809" and (non near<br>compress\$4) and (calculat\$3 or<br>measur\$3) near bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:44 |
| S8       | 0        | @ad<"20000809" and (non near compress\$4) with packet and (calculat\$3 or measur\$3) with bandwidth                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:45 |
| S9       | . 21     | @ad<"20000809" and (non near compress\$4) with (data or packet) and (calculat\$3 or measur\$3 or determin\$3) with bandwidth           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:54 |
| S10      | 0        | @ad<"20000809" and (non near compress\$4) same pair near (data or packet) and (calculat\$3 or measur\$3 or determin\$3) with bandwidth | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR ·                | ON      | 2005/01/17 12:54 |
| S11      | <b>o</b> | @ad<"20000809" and (non near compress\$4) and pair near (data or packet) and (calculat\$3 or measur\$3 or determin\$3) with bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 12:54 |
| S12      | 0        | @ad<"20000809" and (packet near pair) and (non near compressible) and (calculat\$3 or measur\$3) same bandwidth                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR                  | ON      | 2005/01/17 13:01 |

|     | r  |  |   |    | T' | <del>,</del>     |
|-----|----|--|---|----|----|------------------|
| S13 | 0  | @ad<"20000809" and (packet near<br>pair) and (non near compressible) and<br>(calculat\$3 or measur\$3 or<br>determin\$3) same bandwidth                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 13:01 |
| S14 | 0  | @ad<"20000809" and (non near compressible) same (calculat\$3 or measur\$3 or determin\$3) same bandwidth   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 12:58 |
| S15 | 5  | @ad<"20000809" and (packet near pair) same (calculat\$3 or measur\$3 or determin\$3) same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 12:55 |
| S16 | 10 | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 12:58 |
| S17 | 0  | @ad<"20000809" and (packet same pair) and (non near compressible) and (calculat\$3 or measur\$3) same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 13:01 |
| S18 | 1  | @ad<"20000809" and (packet and<br>pair) and (non near compressible) and<br>(calculat\$3 or measur\$3 or<br>determin\$3) same bandwidth                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 13:02 |
| S19 | 10 | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 15:11 |
| S57 | 18 | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed)))                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 15:12 |
| S58 | 2  | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed))) and (packet near pair) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 15:13 |
| S59 | 2  | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed))) and (packet same pair) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 15:13 |
| S60 | 3  | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed))) and (packet and pair)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 15:14 |

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|-------------|------|--|---|----|-----|------------------|
| S61         | 1    | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed))) and fragment\$5 and (size or packet or pair) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:16 |
| S62         | 1    | @ad<"20000809" and (non near compressible) and (calculat\$3 or measur\$3 or determin\$3) same (bandwidth or (transmission adj (rate or speed))) and fragment\$5                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:15 |
| S63         | 12   | @ad<"20000809" and (non near compressible) same fragment\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:17 |
| S64         | 1502 | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) and fragment\$5 and (size<br>or packet or pair)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:16 |
| S65         | 132  | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) same fragment\$5 and<br>(size or packet or pair)                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:16 |
| S66         | 48   | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) same fragment\$5 same<br>(size or packet or pair)               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:17 |
| S67         | 1    | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) same fragment\$5 near<br>(non or avoid\$4)                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:30 |
| S68         | 6    | @ad<"20000809" and (non near compressible) and (avoid\$4 or non) near fragment\$5  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:28 |
| <b>\$72</b> | 0    | @ad<"20000809" and (non near compressible) and (entrop\$3 same packet)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:28 |
| S73         | 1    | @ad<"20000809" and (packet near pair) and (entrop\$3 same packet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:29 |
| S74         | 0    | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) same entrop\$3 near<br>packet                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON  | 2005/01/17 15:30 |

| S75 | 1    | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) and entrop\$3 near packet               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:34 |
|-----|------|--|---|------|------|------------------|
| S76 | 2    | @ad<"20000809" and (entropy or entropic) near packet   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:34 |
| S77 | 320  | @ad<"20000809" and (entropy or entropic) near (data or packet or message)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:34 |
| S78 | 56   | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) and entrop\$3 near (data<br>or packet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:45 |
| S79 | 1    | @ad<"20000809" and (calculat\$3 or<br>measur\$3 or determin\$3) same<br>(bandwidth or (transmission adj (rate<br>or speed))) same entrop\$3 near (data<br>or packet) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:35 |
| S82 | 0    | @ad<"20000809" and (non adj<br>compressible) and entrop\$3 with (data<br>or packet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:46 |
| S83 | 0    | @ad<"20000809" and (non adj<br>compressible) and entrop\$3 same<br>(data or packet)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON . | 2005/01/17 15:46 |
| S84 | 9    | @ad<"20000809" and (non adj<br>compressible) and entrop\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:46 |
| S85 | 0    | @ad<"20000809" and (non adj<br>compressible) same entrop\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:46 |
| S86 | 5025 | @ad<"20000809" and (non nearj<br>(fragment\$5 or compressible)) and<br>entrop\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR · | ON   | 2005/01/17 15:47 |
| S87 | 1000 | @ad<"20000809" and (non nearj<br>(fragment\$5 or compressible)) same<br>entrop\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:47 |
| S88 | 12   | @ad<"20000809" and (non nearj<br>(fragment\$5 or compressible)) same<br>(entrop\$3 near (data or packet))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON   | 2005/01/17 15:49 |

| S89      | 0    | @ad<"20000809" and (non near<br>(fragment\$5 or compressible)) same<br>(entrop\$3 near (data or packet))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 15:49 |
|----------|------|---|---|------|----|------------------|
| S90      | 0    | @ad<"20000809" and (non near<br>(fragment\$5 or compressible)) same<br>(entrop\$3 same (data or packet))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR · | ON | 2005/01/17 15:50 |
| S91      | 2    | @ad<"20000809" and (non same (fragment\$5 or compressible)) same (entrop\$3 same (data or packet))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:54 |
| S96      | 0    | @ad<"20000809" and query\$3 near<br>modem same (bandwidth or<br>(transmission adj rate))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:54 |
| S97      | 5    | @ad<"20000809" and query\$3 near (device or modem) same (bandwidth or (transmission adj rate))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:56 |
| S98      | 1871 | @ad<"20000809" and (determin\$3 or<br>query\$3 or check\$3) with (device or<br>modem) same (bandwidth or<br>(transmission adj rate))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:57 |
| S99      | 395  | @ad<"20000809" and (determin\$3 or<br>query\$3 or check\$3) near (device or<br>modem) same (bandwidth or<br>(transmission adj rate))      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:57 |
| S10<br>0 | 79   | @ad<"20000809" and (determin\$3 or<br>query\$3 or check\$3) near (modem)<br>same (bandwidth or (transmission adj<br>rate))                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:57 |
| S10<br>1 | 13   | @ad<"20000809" and (determin\$3 or<br>query\$3 or check\$3) near (modem)<br>same available same (bandwidth or<br>(transmission adj rate)) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 16:59 |
| S10<br>2 | 11   | @ad<"20000809" and (determin\$3 or<br>query\$3) near (modem) same<br>available same (bandwidth or<br>(transmission adj rate))             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 17:00 |
| S10<br>3 | 0    | @ad<"20000809" and (query\$3) near<br>(modem) same available same<br>(bandwidth or (transmission adj rate))                               | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 17:00 |
| S10<br>4 |      | @ad<"20000809" and (query\$3) near<br>(modem) same (bandwidth or<br>(transmission adj rate))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR   | ON | 2005/01/17 17:00 |

| S10<br>5 | 13   | @ad<"20000809" and (query\$3) near<br>(modem) and (bandwidth or<br>(transmission adj rate))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 17:02 |
|----------|------|---|---|----|----|------------------|
| S10<br>6 | 166  | @ad<"20000809" and (query\$3) near<br>(modem or device) and (bandwidth or<br>(transmission adj (speed or rate)))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/01/17 17:03 |
| S10<br>7 | 5    | @ad<"20000809" and (query\$3) near<br>(modem or device) same (bandwidth<br>or (transmission adj (speed or rate)))                                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:11 |
| S11<br>2 | 0    | @ad<"20000809" and (query\$3) near<br>(modem) same (bandwidth or<br>(transmission adj (speed or rate)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:11 |
| S11<br>3 | 11   | @ad<"20000809" and (query\$3) with (modem) same (bandwidth or (transmission adj (speed or rate)))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:24 |
| S11<br>4 | 1    | @ad<"20000809" and (query\$3) with (modem) and (bandwidth or (transmission near (speed or rate))) near range                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:25 |
| S11<br>5 | 6    | @ad<"20000809" and (query\$3) with (modem) and (bandwidth or (transmission near (speed or rate))) with range                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:30 |
| S11<br>6 | 9    | @ad<"20000809" and (query\$3) with (modem) and (bandwidth or (transmission near (speed or rate))) with (error or range)                           | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:33 |
| S11<br>7 | . 11 | @ad<"20000809" and (query\$3) with (modem) and (bandwidth or ((transmi\$5 or transfer\$4 or send\$3) near (speed or rate))) with (error or range) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/07/22 19:34 |
| S11<br>8 | 2    | (calculated adj bandwidth) and (lower<br>or below or higher or above) near<br>range and threshold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:36 |
| S11<br>9 | 37   | (lower or below or higher or above) near range same bandwidth same threshold  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:44 |
| S12<br>0 | 0    | (lower or below or higher or above) near range same (calculated adj bandwidth) same threshold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:36 |

| S12      |    | (lever or below or bisher or she   | 110 000115                                  | 00 |    | 2007/44/15       |
|----------|----|--|---|----|----|------------------|
| 1        | 0  | (lower or below or higher or above) near range same ((calculated or current or real) adj bandwidth) same threshold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:36 |
| S12<br>2 | 0  | (lower or below or higher or above) near range same bandwidth same threshold and (calculated near (bandwidth or rate))   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:37 |
| S12<br>3 | 12 | (lower or below or higher or above) near range same (rate or bitrate or bandwidth) same threshold and (calculated near (bandwidth or rate))                                  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:39 |
| S12<br>4 | 1  | range near believability   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:40 |
| S12<br>5 | 0  | outside near (threshold or range) same (calculated adj bandwidth)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 16:40 |
| S12<br>6 | 1  | (adjust\$3 or set\$4 or reset\$4) near<br>bandwidth and (lower or below or<br>higher or above) near range same<br>bandwidth same threshold                                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:45 |
| S12<br>7 | 14 | (adjust\$3 or set\$4 or reset\$4) near<br>bandwidth and (lower or below or<br>higher or above) near range and<br>bandwidth same threshold                                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:46 |
| S12<br>8 | 8  | (adjust\$3 or set\$4 or reset\$4) near<br>bandwidth and (lower or below or<br>higher or above) near range and<br>(measur\$3 or calculat\$3) adj<br>bandwidth and threshold   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:49 |
| S12<br>9 | 0  | (adjust\$3 or set\$4 or reset\$4) near<br>(threshold or bandwidth) same (lower<br>or below or higher or above) near<br>range and (measur\$3 or calculat\$3)<br>adj bandwidth | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:50 |
| S13<br>0 | 20 | (adjust\$3 or set\$4 or reset\$4) near<br>(threshold or bandwidth) and (lower<br>or below or higher or above) near<br>range and (measur\$3 or calculat\$3)<br>adj bandwidth  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | ON | 2005/11/18 17:50 |